

Agenda - September 17 Meeting

I. Introductions

II Overview - MaryLou Soscia/Pat Cirone 9:15 - 10:00

III Model Revisions/Peer Review - John Yearsley
10:00 - 12:00

EPA Peer Review Policy

1. Motivation
2. Criteria
3. Process
 - i. Method - Distinction between formal and informal processes
 - ii. Steps
4. Status
 - i. Solicited reviews
 - ii. Unsolicited reviews

Model Updates

1. Inclusion of Clearwater River as a tributary
2. Inclusion of groundwater to Columbia River mainstem
3. Modify discussion of objectives
4. Inclusion of literature survey for salmonid temperature requirements
5. Use of TDG measurements rather than scroll case measurements for parameter estimation process
6. Expand discussion of parameter estimation and Kalman filter
7. Include discussion of quality control for computer code

IV Elements of Technical Analysis - Group Discussion
1:00-3:00

1, Management Objectives

Scope of problem

Technical analysis objectives as they relate to management objectives

Level of analysis required

Level of confidence required

2. Conceptual Model

System boundaries

Important time and length scales

Important processes

System characteristics

Source characteristics

Available data sources (quality and quantity)

Data gaps

Data collection programs (quality and quantity)

3. Choice of Technical Approach

Rationale for approach in context of management objectives

and conceptual model

Reliability and acceptability of methodology

Important assumptions

4. Parameter Estimation

Data used for parameter estimation

Rationale for estimates in the absence of data

Reliability of parameter estimates

5. Uncertainty/Error

Error/uncertainty in input and boundary conditions

Error/uncertainty in loadings

Error/uncertainty in specification of environment

Structural errors in methodology(e.g., effects of aggregation or simplification)

6. Results

Tables of all parameter values used for analysis

Tables or graphs of all results used in support of

management objectives or conclusions

Accuracy of results

Conclusions of analysis in relationship to management objectives

Recommendations for additional analysis, if necessary

V. Review August 24 Meeting Comments - Group Discussion

- 4:00

3:00